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Trans.
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I.I. Kirillov et al.

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(Spic Code: T1, 23 Jan. 1970)

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REQ TR CHECK 26-10-35 TV01

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PRUDNIKOV N K

UR: IVUZ. ENERGETIKA, 1970, vol 13, nr 1, pp 122-126

Compressed Gas

HL-23-72-0043

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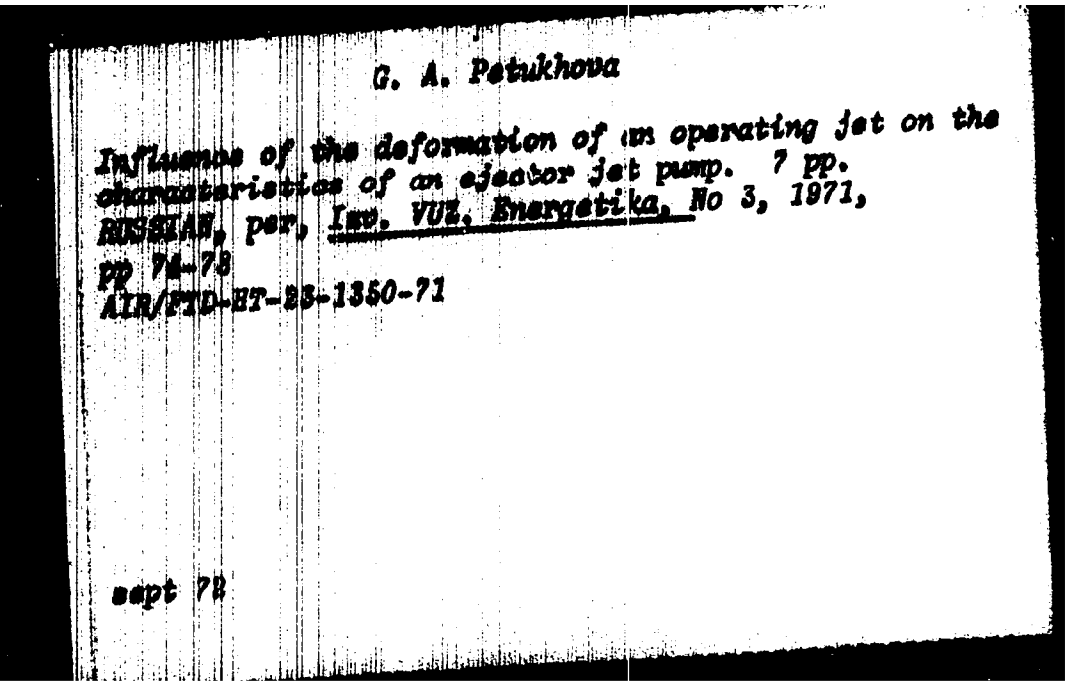

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UR: IVUZ. ENERGETIKA, 197[illegible], nr 4,
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UR: IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDNIY, ENERGETIKA, No. 8, 1972, pp. 54-62

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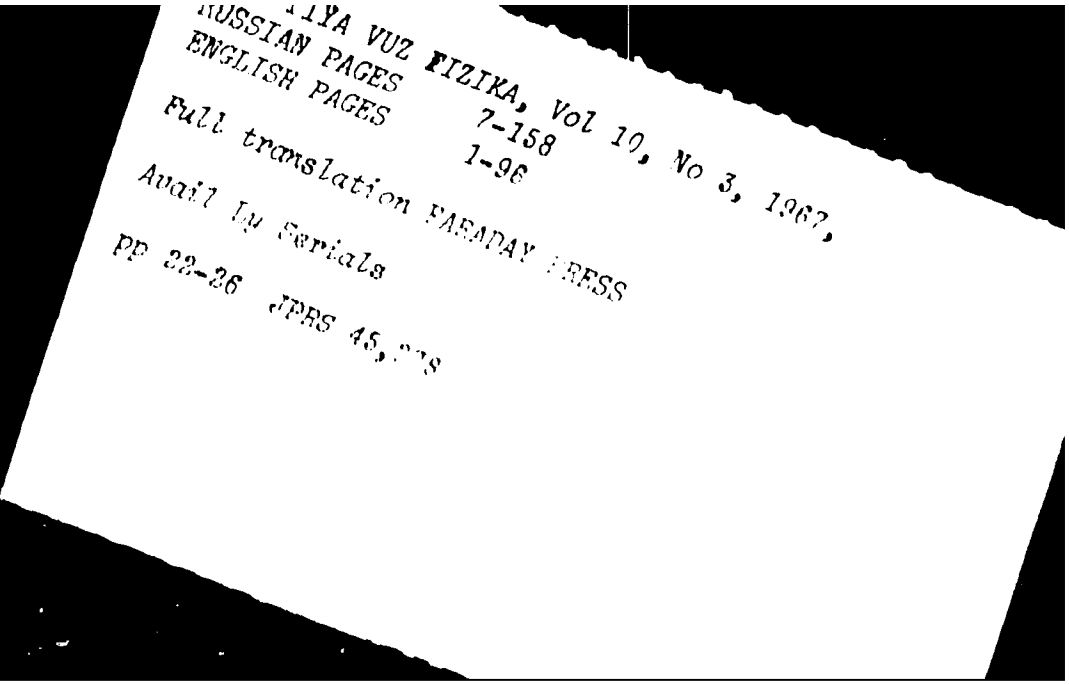

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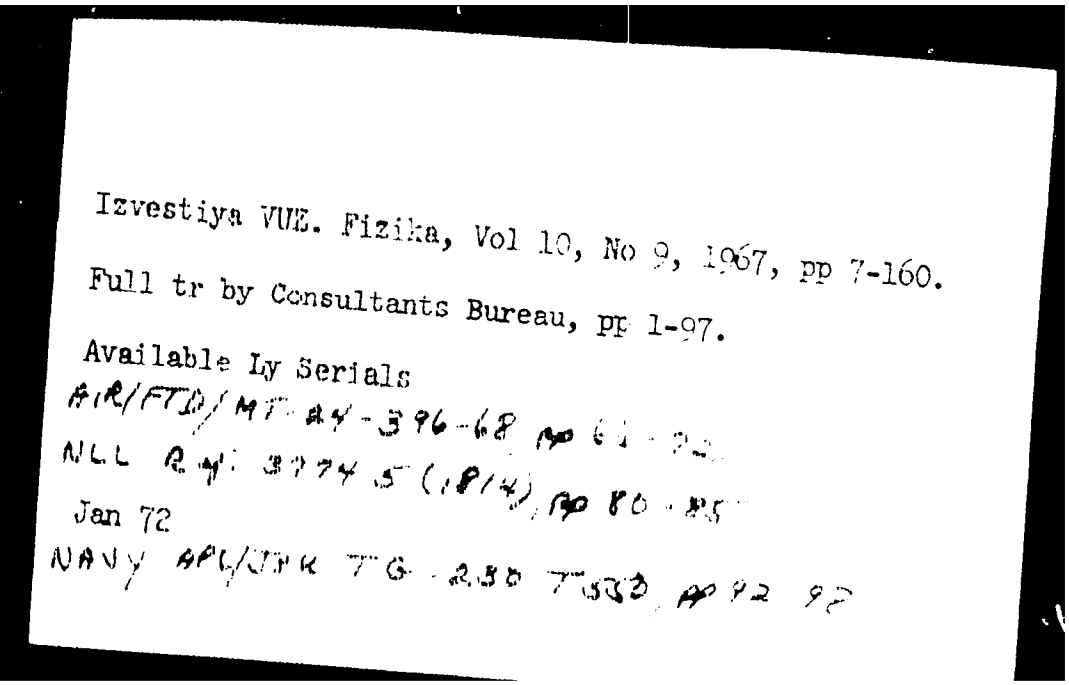

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REQ TR CHECK 7-7-27 TK70

VISCOSITY AND ELECTRICAL CONDUCTIVITY OF INDIUM SYSTEM ALLOYS

DUTCHAK YA I

UR: IVUZ. FIZIKA: 1969, 12(6) pp 121-122

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FORMATION OF ZINC SULFIDE THIN FILMS ON FRAGMENTS OF SODIUM CHLORIDE SINGLE CRYSTALS IN VACUO

REBANE K; TIGANE I

UR: IVUZ. FIZIKA, ~~1970~~ vol 12, nr 6, pp 140-141

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UR: IVUZ. FIZIKA, 1969, nr 11, pp 129-130

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REQ TR CHECK 24-2-6 T770

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EX°ERO,EMTA: VEROFOCATOPM
MIKHIN N M; LYAPIM K B
UR: IZV VYSSH. UCHEB. ZAVED. FIZIKA
1970, vol 13, nr 3, pp 50-56

HT-Special 71-148

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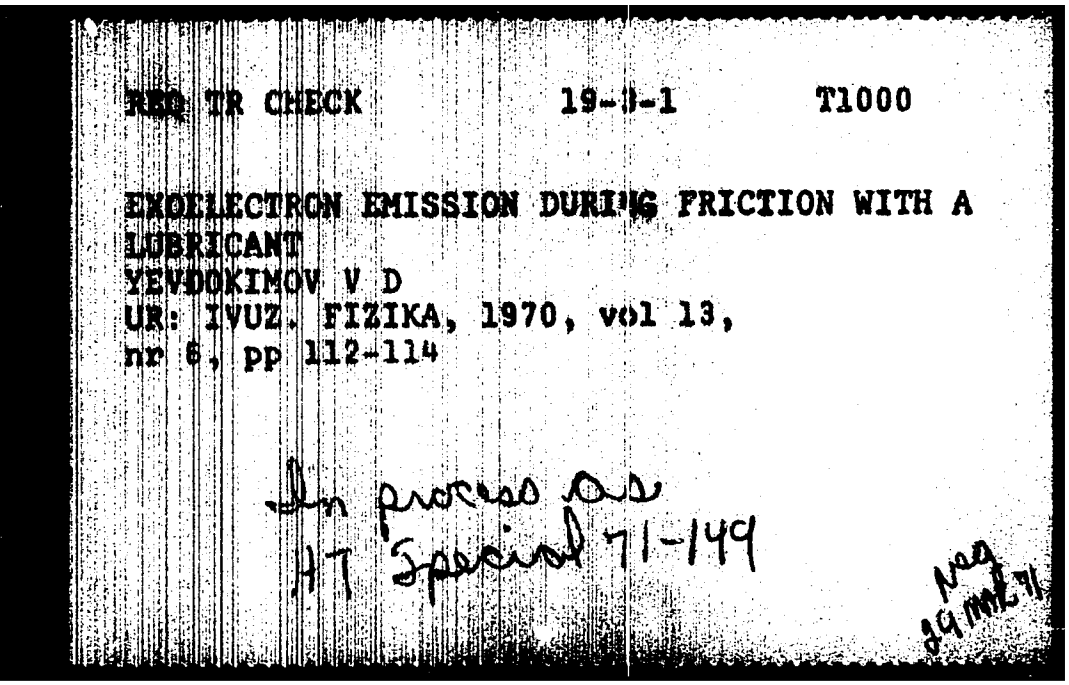

REQ TR CHECK 19-8-1 T1000

EXOELECTRON EMISSION DURING FRICTION WITH A LUBRICANT
YEVDOKIMOV V D
UR: IVUZ. FIZIKA, 1970, vol 13, nr 6, pp 112-114

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INFLUENCE OF INELASTIC COLLISIONS OF ELECTRONS WITH ATOMS ON THE DISTRIBUTION OF ELECTRONS ON A HOLLOW CATHODE DISCHARGE
MURAVYEV I I
UR: IVUZ. FIZIKA, 1970, vol 13, nr 6, pp 149-151

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NEQ TR CHECK 2-2-4 TBE7

THE INFLUENCE OF A TRANSVERSE MAGNETIC FIELD ON THE CURRENT OF A CATHODE RAY GUN IN THE INITIAL PHASE OF VACUUM DISCHARGE

BAKSHT R B

UR: IVUZ FIZIKA, 1970, nr 7, pp 144-146.

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REQ TR CHECK 6-12-11 TY52

STRUCTURE OF ELECTRON STREAMS EMITTED FROM CATHODE FLARES IN THE INITIAL STAGE OF VACUUM BREAKDOWN

BAZHENOV G P

UR: IVUZ. FIZIKA, 1970, nr 6, pp 87-9

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REQ TR CHECK 24-02-12 TCA7

MEAN VALUE OF THE ENERGY OF ELECTRONS RELEASED DURING ATOM IONIZATION BY ELECTRON IMPACT

GRECHIKHIN L I: KUDRYASHOV V V

UR: IZV. VYSSH. UCHEB. ZAVED. FIZ. 1970, vol 13, nr 9, pp 158-160

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Agency: Air Force
P.O. #: ARL 72-001 - 72-012

9144/0661

Title: The dynamics of the chalcopyrite lattice.

Authors: Karavaev, G.F. & others.

Source: IZV. VUZ. FIZ. (USSR), NO. 10, 1970.
Pages 42-48.

Language: Russian to English.
Special Instructions: Please translate and type one copy.

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REQ TR CHECK 4-8-38 T076

EFFECT OF PRESSURE ON THE ELECTRICAL RESISTANCE OF POWDERED SEMICONDUCTORS
IVUZ. FIZIKA, 1970, vol 13, nr 10,
PP 93-97

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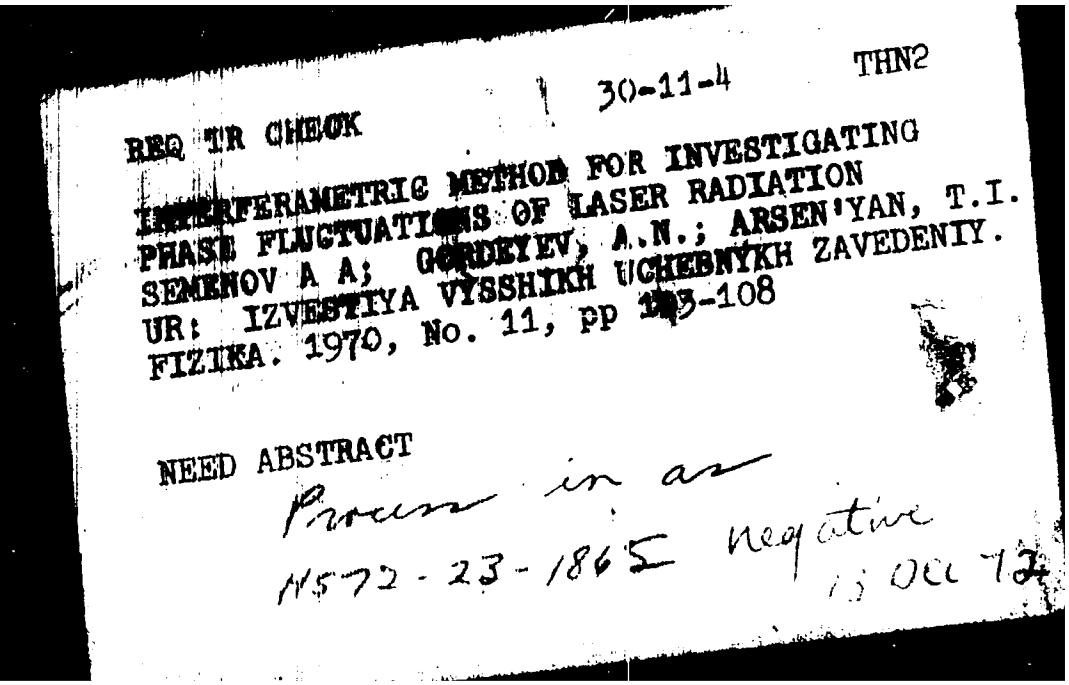

30-11-4 THN2

REQ TR CHECK

INTERFERAMETRIC METHOD FOR INVESTIGATING PHASE FLUCTUATIONS OF LASER RADIATION
SEMENOV A A; GORDEYEV, A.N.; ARSEN'YAN, T.I.
UR: IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENIY. FIZIKA. 1970, No. 11, pp 103-108

NEED ABSTRACT

Prem in an
N572-23-1865 negative
15 Oct 72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100110031-1

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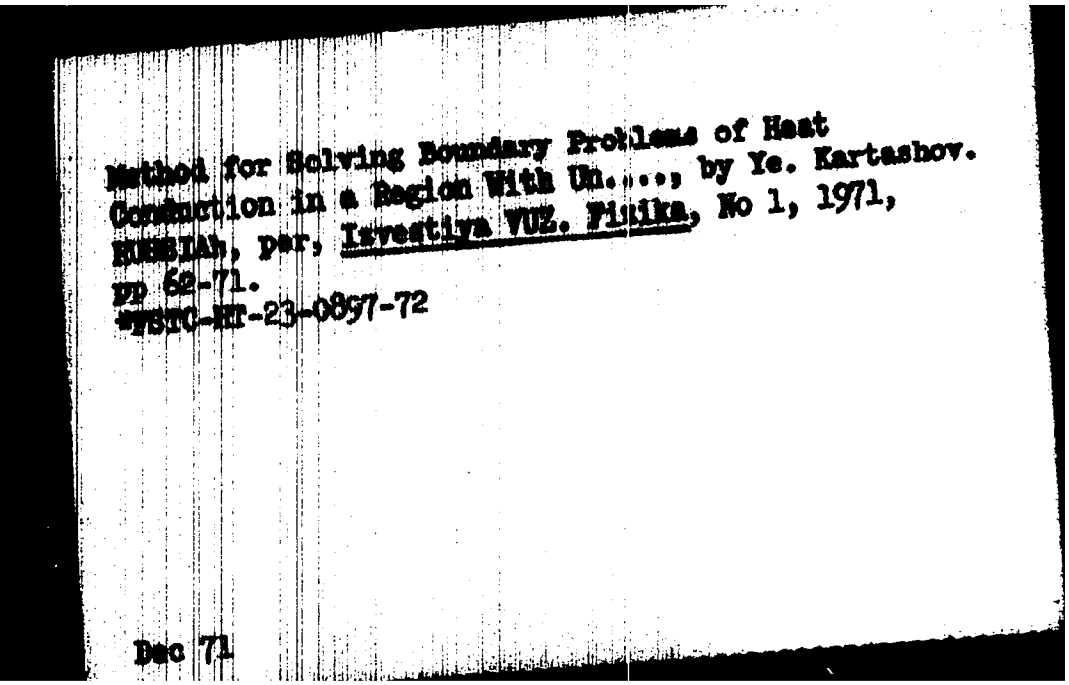
Method for Solving Boundary Problems of Heat
Conduction in a Region With Un...., by Ye. Kartashov.
RUSSIAN, per, Izvestiya VUZ. Fizika, No 1, 1971,
pp 62-71.
FTSTC-HT-23-0897-72
Dec 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100110031-1

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REQ TR CHECK 10-12-20 TZ07

SMALL ETCH PITS IN EPITAXIAL GALLIUM ARSENIDE
IVLEVA O M; YAKUBENYA M P
UR: IVUZ. FIZIKA, 1971, vol 14, nr 1, pp 148-149

HS-23-72-331 nch 2/2/11

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100110031-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100110031-1

REQ TR CHECK 4-2-1 TBG

THERMAL PROCESSES ON ELECTRODES LEADING TO THE INITIATION OF IMPULSE VACUUM BREAKDOWN
LITVINOV YE A
UR: IVUZ. FIZIKA. , 1971, v 14, nr 2,
pp 156-159

NS-23-72-406

Negative

14 FEB 1972

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100110031-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100110031-1

TEMPERATURE OF THERMAL PEAKS DURING IONIC CRY
STALIRRADIATION

LANGUAGE-RU COUNTRY-UR

EREMIN, E.

IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENIY-FIZIKA
, VOL. 14, NO. 3, 1971, P 14

FSTC-HT-23-1088-73

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100110031-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100110031-1

REQ TR CHECK 10-4-76 TDS7

NUMERICAL EVALUATIONS OF THE DEFECT OF SATURATION IN THE PURELY ROTATIONAL SPECTRUM OF WATER:
MIKHAILOV,V.M., IPPOLITOV, I.I.
UR-ISSV.VYSSH. UCHEB. ZAVED. FIS., 1971,
vol. 14, nr. 3, pp 132134

Received on 23-09-76

18 PPR 72

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100110031-1

REQ TR CHECK 16-03-72 TDD1

EXPERIMENTAL STUDY OF ABSOLUTE INTENSITIES OF SPONTANEOUS RAMAN SPECTRA LINES AND A CALCULATION OF THRESHOLDS AND LINE AMPLIFICATION

SHVEDOVA N D

UR: IZV. VYSSH. UCHEB. ZAVED., FIZ. 1971, VOL 14, nr 3, pp 142-146

Process in AS
HS 72-23-0947

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22 MAR 72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100110031-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100110031-1

TEMP. OF THERMAL PEAKS DURING IONIC CRYSTAL I
RRADIATION

YEREMIN, L. LANGUAGE-RU COUNTRY-UR

IZV. VYSSH. UCHEB. ZAVED. FIZ., 1971, 14(3),
PP. 149-50

FSTC-HT-23-1224-73

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100110031-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100110031-1

REQ TR CHECK 4-5-25 TEO4

CHANGE IN THE BAUSCHINGER EFFECT DURING RECOVERY OF TWINNED CRYSTALS

BASHMAKOV, V.I., YAKOVENKO, N.G.

UR-IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENIY.. FIZIKA, 1971, Vol 14, no 4, pp 113-117

~~C/C C2~~

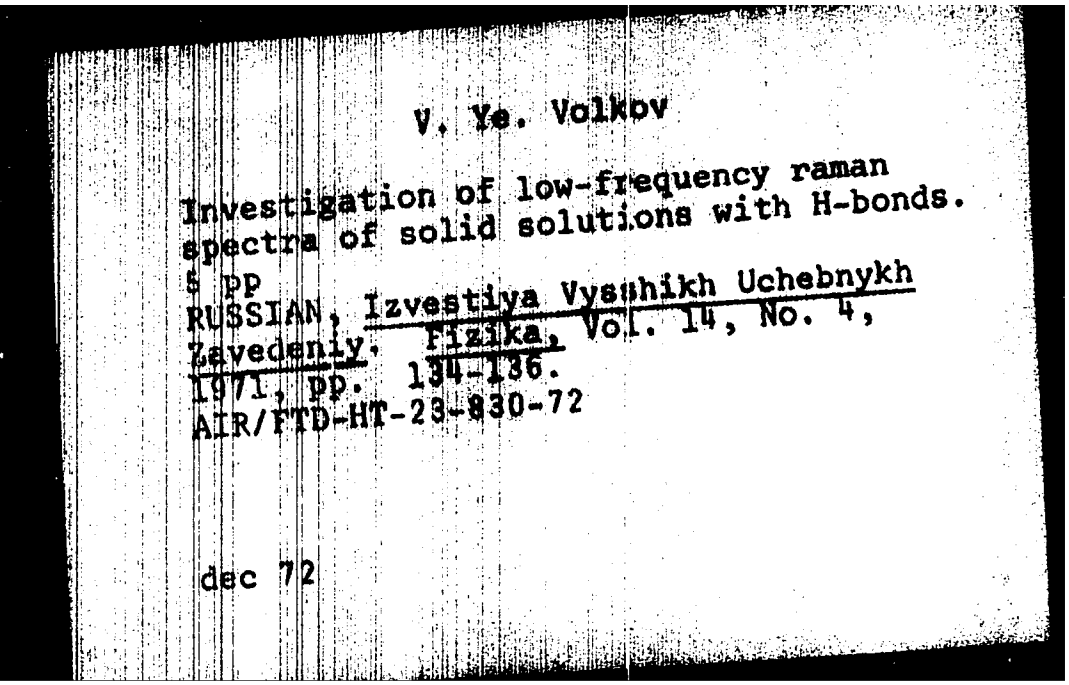
Process in an

HSTR-23-1208

15 May 72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100110031-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100110031-1



V. Ye. Volkov

Investigation of low-frequency raman spectra of solid solutions with H-bonds.

5 pp

RUSSIAN, Izvestiya Vysshikh Uchebnykh Zavedeniy. Fizika, Vol. 14, No. 4, 1971, pp. 134-136.

AIR/FTD-HT-23-830-72

dec 72

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100110031-1

REQ TR CHECK 4-5-26 TE05

PHOTOELASTIC PHENOMENA IN LIQUID CRYSTALS
KAPUSTIN, A.P., KUVATOVA, A.KH.
UR-IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENIY.
FIZIKA 1971, Vol 14, no 4, pp 150-152

~~C/C 09~~

Processed in as
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15 May 72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100110031-1

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Gorbunova, T. M.

Electron energy distribution functions and concentrations in a discharge with a noncooled hollow cathode
IZV VUZ FIZIKA, Vol 14, No 5, 1971, pp 157-160
FTD-HS-23-1535-72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100110031-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100110031-1

REQ TR CHECK 12-5-4 TEZ8

EFFECT OF DEFORMATION CONDITIONS ON THE ENERGY SPECTRUM OF EXOELECTRON EMISSION OF METALS

KORTOV, V.S., MINTS, R.I.

UR-IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENIY, Fizika, 1971, Vol 14, No 9, pp 83-87

Process in as

H572-23-1261

Negative 24 May 72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100110031-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100110031-1

WIDTH OF THE FORBIDDEN ZONE AND OPTICAL PROPE
RTIES OF THIN FILMS OF GALLIUM PHO

ISVEKYAF, N.G. LANGUAGE-RU COUNTRY-UR

TOMSK, IZVESTIYA VUZ FIZIKA NO 9 VOL 112 1971
PP 88-92

FSTC-HT-23-0097-73

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100110031-1

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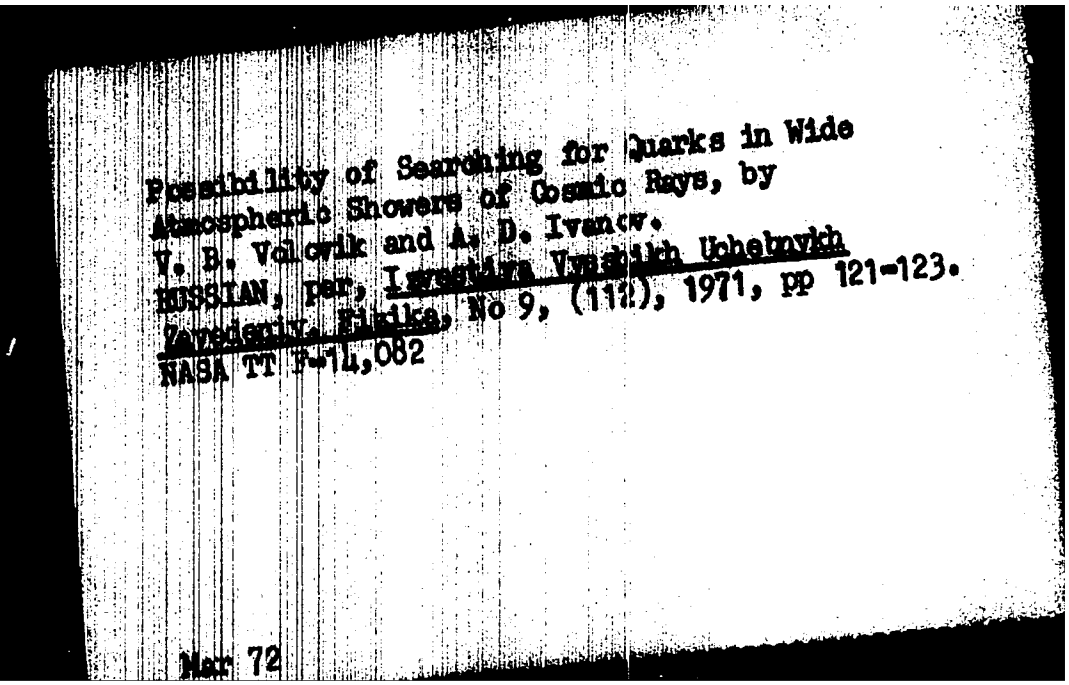
Possibility of Searching for Quarks in Wide
Atmospheric Showers of Cosmic Rays, by
V. B. Volcvik and A. D. Ivanov.
RUSSIAN, par, Izvestiya Vysshikh Uchebnykh
Zavedeniy, Fizika, No 9, (11?), 1971, pp 121-123.
NASA TT F-14,082
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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100110031-1

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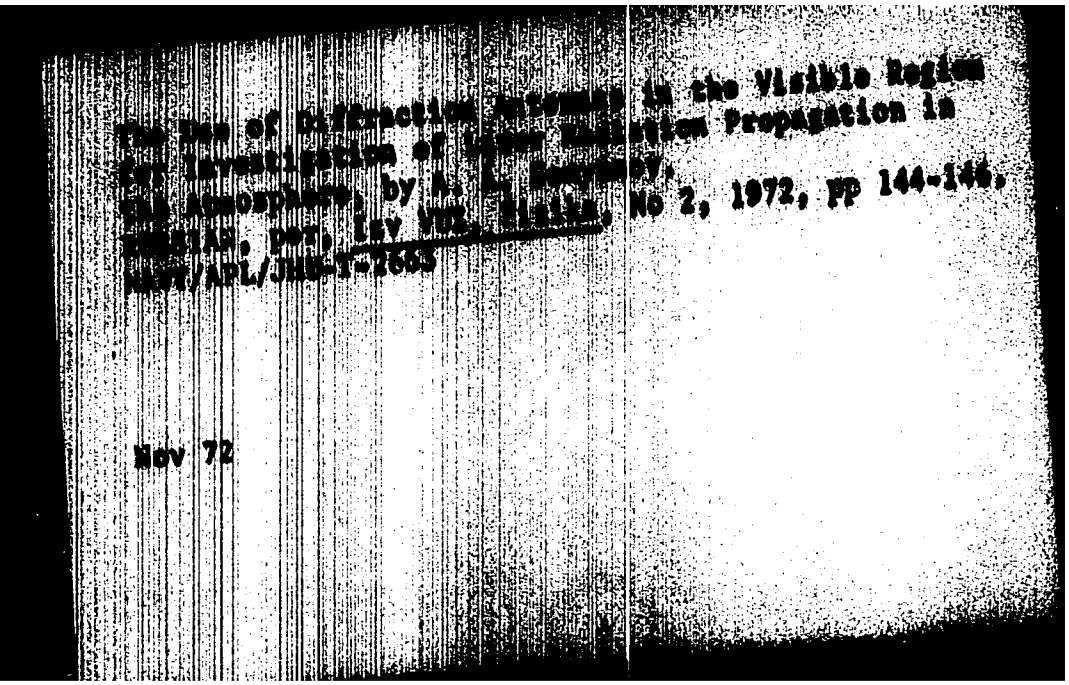

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THR5

THE DEPENDENCE OF THE ATMOSPHERIC OPTICAL TRANSFER FUNCTION ON TIME/AVERAGING
GENIN V N; KABANOV M V
UR: IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENIY. FIZIKA. 1972, nr 5, pp 120 124

In process as

HS72-1835

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100110031-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100110031-1

9144/0022
20 Feb 73

Agency: Air Force
P.O. #: ARL 72-0001 72-10

Title: KINETIC PHENOMENA IN TYPE $A^{I}B^{III}C_2^{VI}$ COMPOUNDS WITH THE CHALCOPYRITE LATTICE.

Author: Poplavnoi, A.S.
Source: IZV. VUZ. FIZ (USSR). NO. 7, 1972
Pages 46-51.

Language: Russian to English
Special instructions: Please translate and type one copy, single space, all paste-up

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100110031-1

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Iz. VUZ. Geod i Aerofoto.

Also: Iz Vysshikh Uchebnykh Zaved Minister Vysshego Obrazovaniya SSSR, Razdel Geodeziya i Aerofotos'emka

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100110031-1

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Some Problems in Timing Photography in Determining the Coordinates of An Artificial Earth Satellite by the Method of Reference Stars,13pp RUSSIAN, per, Izv. VUZ, Geodeziya i Aerofotos'yemka, No 1, Jan 1965, pp. 81-90
JPRS 30991

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The Problem of Stereopanoramic Photography,
by M. M. Rusinov, 7 pp.
RUSSIAN, per, Izvestiya vysshikh uchebnykh zavedeniy - Geodeziya i aerofotos"yemka, No 2,
Mar-Apr 1965, pp. 123-127.
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Use of Artificial Earth Satellites for Geodesy,
by A. P. Polezhayev, 31 pp.
RUSSIAN, per, Izvestiya VUZ, Geodeziya i
Aerofotos'yemka, No. 2, 1966, pp. 27-48.
JPRS 38537

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Construction of Space (Cosmic) Polygonometry, by O. S. Rasumov, 13 pp.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh Zavedeniy, Geodeziya i Aerofotos'yemka, No 2, 1966, pp 49-57.
JPRS 43027

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On the Problem of Determining the Deflection of the Vertical on the Basis of Molodenskiy's Theory, by V. P. Stoykov.
RUSSIAN, per, Iz VUZ Geodesy and Air-Photo Surveying, No 3, 1966, pp 75-87.
ACIC TC 1202

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On the Problem of Interpolating Derivatives of the Gravity Potential in a Mountainous Region, by V. I. Aronov. V. M. Gordin.
RUSSIAN, per, Iz VUZ Geodesy and Air-Photo Surveying, No 3, 1966, pp 88-93.
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The Effect of the Color of the Object on the Photogrammetric Refraction and the Resolution of the Image, by
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RUSSIAN, per, Izv VUZ Geod i Aerofot, No 5, 1966, pp 75-84.
NLL Ref: 8732 (NRC TT-1333)

Sci-Methods & Equip
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RUSSIAN, per, Izv VUZ Geod i Aerofoto-s Yemka, No 5, 1967, pp 81-92.
ACIC-TC-1539

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The Signal/Background Ratio and Spectral Selection of the Signal in Laser Light Rangefinders, by A. N. Golubev.
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AMS OB275,I98

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REQ TR CHECK 1-12-25 TY26

SENSORS FOR SOLAR ORIENTATION OF SPACE XXXX VEHICLES
IVANDIKOV YA M
UR: IVUZ. GEODEZIYA I AEROFOTOS"YEMKA
1969, nr 5, pp 115-118

In process (NS)

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7 Dec 71

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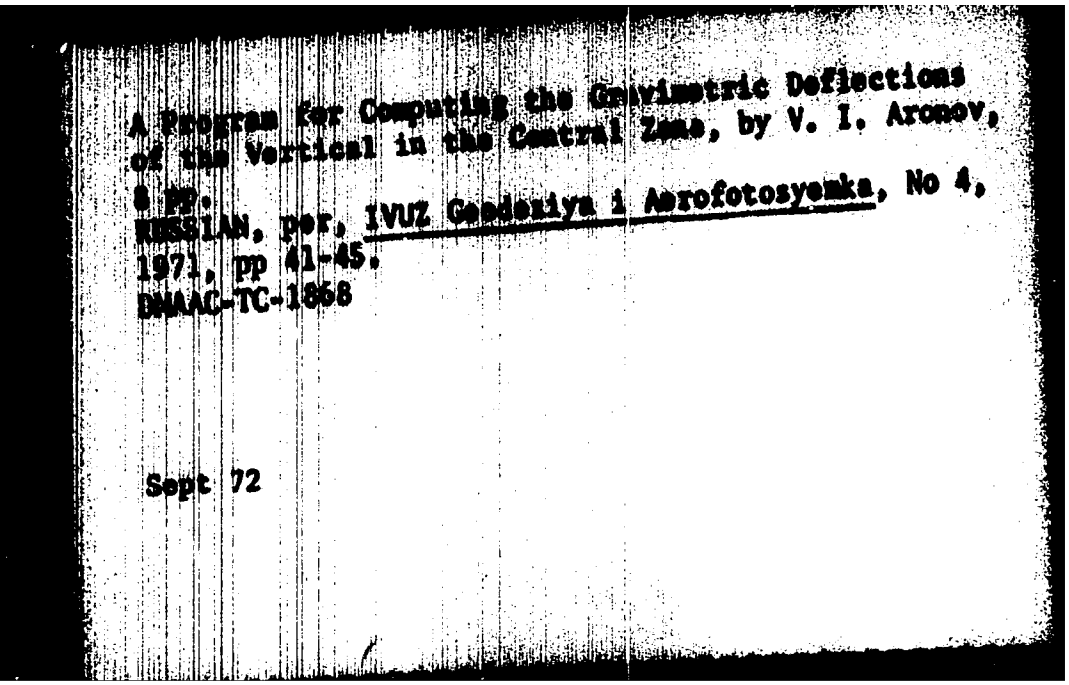

A Program for Computing the Gravimetric Deflections of the Vertical in the Central Zone, by V. I. Aronov, 8 pp.
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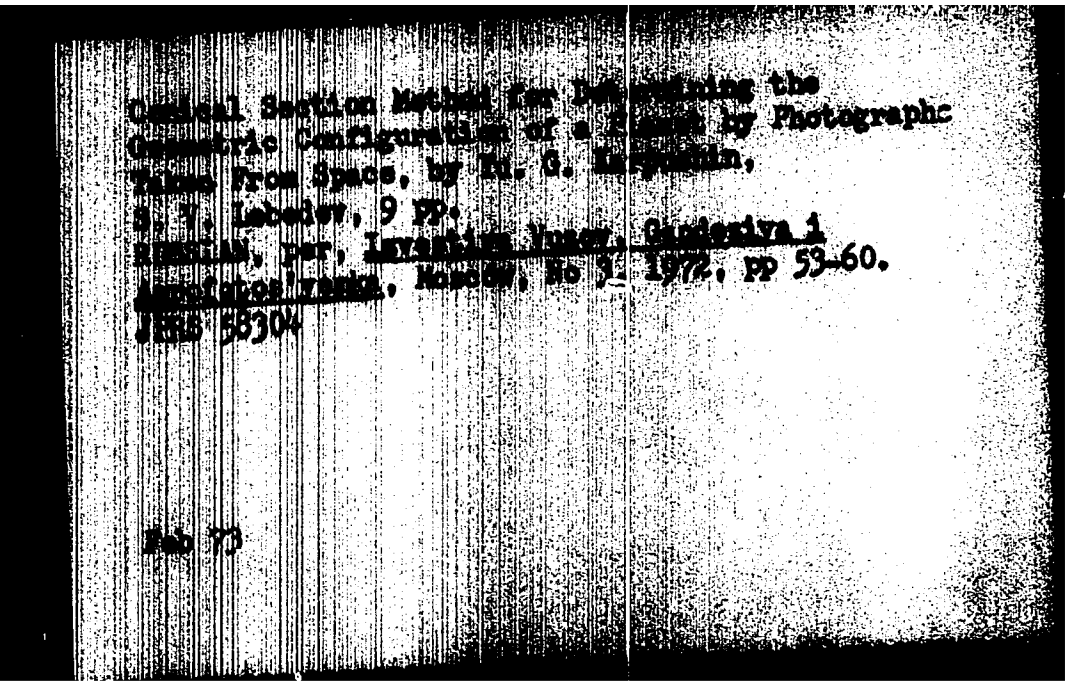

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Concerning the Computation of Terrain Corrections for Gravimeter Observations, by P. P. Makagonov and G. A. Solov'yev,
RUSSIAN, per. Izvestiya Vysshikh Uchebnykh Zavedeniy-Geologiya i Razvedka, No 5, 1965, pp 122-127.
ACIC TC-1091

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Aug 66

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Lyubimov, A. A.

On the Estimation of the Depth of the Lower Border and Magnetism of Two-Dimensional Bodies of Rectangular Profile by Means of Z Anomaly (Vzz),
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JPRS 32267

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Gordun, A. K.

Application of Microbarleveling During large scale gravimetric survey in mountain-taiga terrain,
RUSSIAN, per, Izv. VUZ. Geologiya i Razvedka, no 4, 1966, pp 136-138.
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Gravitational Development of Slopes, by
A. M. Trofimov.
RUSSIAN, per, Izvestiya VUZ: Geologiya i
Razvedka, No 7, 1966, pp 30-31.
ACIC TC-1129

Sco/Earth Sci
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On the Zonality of Magmatic Manifestations in the Crimean Mountains, by A. I. Shalimov. RUSSIAN, per, Iz VUZ Geologiya i Razvedka, No 8, 1966, pp 7-17.
ACIC TC-1163

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Contribution to the Theoretical Basis of the Induction Method of Determining the Electric Conductikvity of Rocks and Ores, by L. M. Kamenetskaya.
RUSSIAN, per. Iz VUZ Geologiya i Razvedka, No 8, 1966, pp 109-117.
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Use of the VVDU-2 High Pressure Viscosimeter in Testing Natural Waters, by O. A. Likhacher, 7 pp. RUSSIAN, per, IVUZ. Geologiya i Razvedka, Vol 10, No 7, 1967, pp 89-92.
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Investigation of the Distribution of Charges for "free" Short-Lived Radon Decay Products, by A. S. Serdyukova, Ye. I. Savenko.
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Dept of Navy NRL Trans No 1166

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On the Boundary Between the Tournaisian and Visean Stages in the Urals on the Basis of the Coral Fauna
by D. D. Degtyarev.
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NLL Ref: 8313.4 (5622)

Sci-Mech
Mar 69

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100110031-1

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Effect of Geological Factors on Spontaneous Ignition in Mines, by K. P. Rudenko.
RUSSIAN, per, Izv. VUZ Geol. i Razved.,
No 9, 1967, pp 106-109.
NLL Ref: 8313.4 (5572)

Sci-Ear Sci
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